## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

DAVID M. RINEHART ET. AI

SERIAL NO.: 10/817,492

FILED: APRIL 02, 2004

CASE NO.: AD6992 US NA

GROUP ART UNIT: 1772

EXAMINER: ALEXANDER S. THOMAS

FOR: GLASS LAMINATES HAVING IMPROVED STRUCTURAL INTEGRITY

AGAINST SEVERE STRESSES FOR USE IN EXTERNAL PRESSURE PLATE

**GLAZING APPLICATIONS** 

## SUBMISSION OF CORRECTED DRAWINGS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants submit corrected drawings herewith.

Figure 2 is amended to refer to elements 6 and 6a, whereas previously it listed "6" twice. The 6 and 6a were placed on the left and right side of the figure. Support is at page 11, line 29 – page 12, line 27, which paragraph is being amended to correct the numbers. These changes are evident because this paragraph describes glazing element 6 comprising a glass (7)/interlayer (8)/glass (7) laminate, and a first attachment clip (9) and adjacent glazing element (6a) comprising a second glass (7)/interlayer (8)/glass (7) laminate and having a second attachment clip (9a).

Applicants also removed four unnecessary lines from Figures 2 and 3, each near the gaskets labeled 12. As can be seen from the description is at page 11, line 29 – page 12, line 27, these lines were drawn through air and did not belong in the drawings.

Entry is respectfully requested.

Respectfully submitted,

Mark D. Kuller

ATTORNEY FOR APPLICANTS

Registration No.: 31,925 Telephone: (302) 892-1354 Facsimile: (302) 992-2953

Much O. Kelk

Dated: February 23, 2006



PTO/SB/92 (09-04) Approved for use through 07/31/2006. OMB 0561-0031
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AD6992USNA

Petition for Extension of Time (1 page)

Fee Transmittal (1 page) Fee Transmittal (1 page)

Response (15 pages)

Terminal Disclaimer to Obviate a Provisional Double Patenting Rejection over a Pending "Reference" Application (1

Submission of Corrected Drawings (4 pages)

Second Information Disclosure Statement (2 pages)

PTO/SB/08A (1 page)

PTO/SB/08B (1 page)

References

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| Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).   |                                   |                            |                         |  |  |  |  |
| FEE TRANSMITTAL   | Application Number<br>Filing Date | April 02, 2004             |                         |  |  |  |  |
| For FY 2006   | First Named Inventor              | David M. Rinehart Et.      | <u></u>                 |  |  |  |  |
| FOI F1 2000   |                                   |                            |                         |  |  |  |  |
| Applicant claims small entity status. See 37 CFR 1.27   | Examiner Name                     | Thomas                     |                         |  |  |  |  |
| TOTAL AMOUNT OF PAYMENT (\$) 500.00   | Art Unit                          | 1772                       |                         |  |  |  |  |
| TOTAL AMOUNT OF PATIMENT (4) 500.00   | Attomey Docket No.                | AD6992USNA                 |                         |  |  |  |  |
| METHOD OF PAYMENT (check all that apply)  |                                   |                            |                         |  |  |  |  |
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| Deposit Account Deposit Account Number: 04-1928 D   | eposit Account Name: E. I         | . du Pont de Nemou         | rs and Company          |  |  |  |  |
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| information and authorization on PTO-2038.  |                                   |                            |                         |  |  |  |  |
| FEE CALCULATION (All the fees below are due upon fi   | ling or may be subje              | ct to a surcharge.)        |                         |  |  |  |  |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES   |                                   | MINIATION FEES             |                         |  |  |  |  |
| FILING FEES SEAR Small Entity   | RCH FEES EXAI<br>Small Entity     | MINATION FEES Small Entity |                         |  |  |  |  |
| Application Type Fee (\$) Fee (\$)  | Fee (\$) Fee                      | (\$) Fee (\$)              | Fees Paid (\$)          |  |  |  |  |
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| Design 200 100 100  | 50 🔲 13                           | 0 65                       | 0.00                    |  |  |  |  |
| Plant200 100300   | 150 🔲 16                          | 0 80                       | 0.00                    |  |  |  |  |
| Reissue 300 150 500   | 250 🗌 60                          | 0 300                      | 0.00                    |  |  |  |  |
| Provisional 200 100 0   | o 🔲                               | 0 0                        | 0.00                    |  |  |  |  |
| 2. EXCESS CLAIM FEES  |                                   |                            | nall Entity<br>Fee (\$) |  |  |  |  |
| Fee Description Each claim over 20 (including Reissues)   |                                   | 50                         | 25                      |  |  |  |  |
| Each independent claim over 3 (including Reissues)  |                                   | 200                        | 100                     |  |  |  |  |
| Multiple dependent claims   |                                   | 360                        | 180                     |  |  |  |  |
|   | Paid (\$)                         | Multiple Depe              |                         |  |  |  |  |
| 30 - 20 or HP = 10 x 50.00 =  | 500.00                            | Fee (\$)                   | Fee Pald (\$)           |  |  |  |  |
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| 2 - 3 or HP = 0 x 200.00 = 0.00   |                                   |                            |                         |  |  |  |  |
| HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE   |                                   |                            |                         |  |  |  |  |
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| listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                                   |                            |                         |  |  |  |  |
| Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)   |                                   |                            |                         |  |  |  |  |
| 100 = / 50 = (round <b>up</b> to a whole number) x <u>250.00</u> =  |                                   |                            |                         |  |  |  |  |
| 4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Fees Paid (\$)  |                                   |                            |                         |  |  |  |  |
| Other (e.g., late filing surcharge):  |                                   |                            |                         |  |  |  |  |
|   |                                   |                            |                         |  |  |  |  |
| SUBMITTED BY  Signature  Registration No. 31,925  Telephone (302) 892-1354  |                                   |                            |                         |  |  |  |  |
| Signature Mush () Kully   | (Attorney/Agent) 31,92            |                            |                         |  |  |  |  |
| Name (Print/Type) Mark D. Kuller  |                                   | Date 2/23/                 | 2006                    |  |  |  |  |

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| Applicant claims amail entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT   (\$) 130.00   | · ·  |                                 | Application Number                    | pplication Number 10/817492 |                      |  |  |  |
| Applicant claims small entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT (5) 130.00   Atomey Docket No.   AD6992USNA   | FEE IKAN   | 12MIIIAL                        | Filing Date                           | April 02, 2004              |                      |  |  |  |
| Applicant daims small entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT (S) 130.00   Atomey Docket No.   AD6992USNA  | For FY   | 2006                            | First Named Inventor                  | David M. Rinehart Et.       | Al.                  |  |  |  |
| METHOD OF PAYMENT (check all that apply)  |  |                                 | Examiner Name                         | Alexander S. Thomas         |                      |  |  |  |
| METHOD OF PAYMENT (check all that apply)  | Applicant claims small entity st   | atus. See 37 CFR 1.27           | Art Unit                              | 1772                        |                      |  |  |  |
| Check   | TOTAL AMOUNT OF PAYMENT  | (\$) 130.00                     | Attorney Docket No.                   | AD6992USNA                  |                      |  |  |  |
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| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES   |  |                                 |                                       |                             |                      |  |  |  |
| SEARCH FEES   Small Entity   Fee (\$)   Fee (             |  |                                 |                                       |                             |                      |  |  |  |
| Name  | FILI   | NG FEES SEA                     | RCH FEES EX                           |                             | i                    |  |  |  |
| Utility   | Application Type Fee   |                                 |                                       |                             | Fees Paid (\$)       |  |  |  |
| Design  |  |                                 |                                       |                             | 0.00                 |  |  |  |
| Plant   |  | =                               |                                       | 30 65                       | 0.00                 |  |  |  |
| Reissue 300 150 500 250 600 300 0.00  Provisional 200 100 0 0 0 0 0 0.00  2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Multiple dependent claims  Total Claims  Total Claims  Extra Claims Fee (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims Extra Claims Fee (\$) HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) x  Fee Paid (\$)  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  F   | <b>—</b>   |                                 | · · · · · · · · · · · · · · · · · · · |                             | 0.00                 |  |  |  |
| Provisional 200 100 0 0 0 0 0 0.00  2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) 50 25 Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims Total Claims -20 or HP =   x   50.00   =   Fee (\$)   Fee (\$)   Fee (\$)   HP = highest number of total claims paid for, if greater than 20. Indep. Claims -3 or HP =   x   200.00   =   HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof 100 =   /50 =   (round up to a whole number)   Fee (\$)   Fee Paid (\$)   Each claim over 20 (including Reissues)  Fee (\$)   Fee Paid (\$   |  | = 111                           |                                       | ••                          | 0.00                 |  |  |  |
| 2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) Each independent claims Fee (\$) Fee (\$) Each independent claims Multiple dependent claims Total Claims  Total Claims  Extra Claims Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims Fee (\$) Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fextra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee Paid (\$)  Total Sheets Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total S  |  | 8                               |                                       |                             | 0.00                 |  |  |  |
| Each claim over 20 (including Reissues)  Each independent claim over 3 (including Reissues)  Multiple dependent claims  Total Claims  Extra Claims  Total Claims  Extra Claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Extra Claims  Fee (\$) Fee Paid (\$)  HP = highest number of independent claims paid for, if greater than 3.  APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  - 100 = /50 = (round up to a whole number) x  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  - 100 = /50 = (round up to a whole number) x  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Telephone (302) 892-1354  Registration No. (Attomey/Agent)  Registration No. (Attomey/Agent)  Telephone (302) 892-1354   |  |                                 |                                       |                             |                      |  |  |  |
| Each independent claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  HP = highest number of independent claims sex 200.00 = HP = x 200.00 = HP =   |  | na Daiseuas)                    |                                       |                             |                      |  |  |  |
| Multiple dependent claims  Total Claims  Extra Claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Total Claims  Extra Claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  Total Claims  Fee (\$) Fee Paid (\$)  Fee Paid (\$)  YES 360.00  YES 360.00  Indep. Claims  Total Claims  Total Claims  Fee (\$) Fee Paid (\$)  YES 360.00  YES 360.00  YES 360.00  YES 360.00  YES 360.00  YES 360.00  Indep. Claims  Fee Paid (\$)  YES 360.00  YES 360.00  YES 360.00  Indep. Claims  Fee Paid (\$)  Total Claims  Fee Paid (\$)  Substitute Specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  -100 = 750 = 750 = 750.00 = 750.00 = 750.00  A. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal disclaimer fee under 37 CFR 1.20(d)  Registration No. (Attomey/Agent)  Telephone (302) 892-1354   |  |                                 |                                       |                             |                      |  |  |  |
| Total Claims  - 20 or HP =  |  | . 2 (morading recours)          |                                       |                             |                      |  |  |  |
| HP = highest number of total claims paid for, if greater than 20.  Indep. Claims  - 3 or HP = x 200.00 =  HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  - 100 = /50 = (round up to a whole number) x 250.00 =  4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal disclaimer fee under 37 CFR 1.20(d)  Telephone (302) 892-1354  | • •  | Claims Fee (\$)                 | ee Paid (\$)                          | Multiple Depe               | ndent Claims         |  |  |  |
| Indep. Claims   |  |                                 |                                       |                             | Fee Paid (\$)        |  |  |  |
| -3 or HP = x 200.00 = HP = highest number of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof = Fee (\$) = Fee Paid (\$)  - 100 = /50 = (round up to a whole number) x 250.00 =   4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal disclaimer fee under 37 CFR 1.20(d)  SUBMITTED BY  Signature Registration No. (Attomey/Agent) 31,925  Telephone (302) 892-1354   |  |                                 |                                       |                             |                      |  |  |  |
| 3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  | - 3 or HP =  | x 200.00 =                      |                                       |                             |                      |  |  |  |
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| sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets   Number of each additional 50 or fraction thereof   250.00   =    4. OTHER FEE(S)   Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal disclaimer fee under 37 CFR 1.20(d)  SUBMITTED BY  Signature   Registration No. (Attomey/Agent)   31,925   Telephone (302) 892-1354  | If the specification and drawi   |                                 |                                       |                             |                      |  |  |  |
| Total Sheets Extra Sheets / So = (round up to a whole number) x   Fee (\$)   250.00   =    4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): Terminal disclaimer fee under 37 CFR 1.20(d)   130.00    SUBMITTED BY  Signature   Registration No. (Attomey/Agent)   31,925   Telephone (302) 892-1354  |  |                                 |                                       |                             |                      |  |  |  |
| - 100 =   | sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) |                                 |                                       |                             |                      |  |  |  |
| Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): Terminal disclaimer fee under 37 CFR 1.20(d)  SUBMITTED BY Signature Registration No. (Attomey/Agent)  Registration No. (Attomey/Agent)  Telephone (302) 892-1354  | 050.00   |                                 |                                       |                             |                      |  |  |  |
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| Signature Much (), Kullu Registration No. 31,925 Telephone (302) 892-1354   | Other (e.g., late filing surcharge): Terminal disclaimer fee under 37 CFR 1.20(d) 130.00   |                                 |                                       |                             |                      |  |  |  |
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|   | (Author/Agent)   |                                 |                                       |                             | 21/06                |  |  |  |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandrla, VA 22313-1450.